

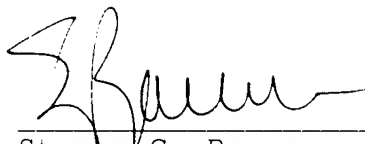
showing the changes made thereto, is attached. Claims 31-34 are presented in order to afford Applicants with the scope of protection to which they are entitled. Claim 14 has been amended to delete the term "visible light photoinitiator", as it would appear to be a genus listed among a series of specie. The term "visible light photoinitiators" has been re-presented, together with UV light photoinitiators and UV/visible light photoinitiators in new Claim 32, and several specific visible light photoinitiators have been presented in Claim 33.

The specification has been amended to include a more complete description of sulfur-containing compounds to which reference was made through U.S. Patent No. 5,328,944 (Attarwala), useful in the inventive compositions, clauses of which are now set forth as recitation (d) in Claim 1, as amended. The inclusion in the inventive composition of such clauses renders the cured composition more resistant to thermal degradation. The '944 patent, a copy of which is attached for the Examiner's convenience, has been incorporated by reference in the subject application at page 12, lines 23-29. Thus, this specification amendment is in compliance with 35 U.S.C. § 112; 37 C.F.R. § 1.75(d)(1); and M.P.E.P. § 608.01(p) and (v). Accordingly, no new matter has been added.

In view of the foregoing claim amendments, new claims and remarks, favorable consideration and passage to issue of the present case is respectfully requested.

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Respectfully submitted,

A handwritten signature in dark ink, appearing to read 'S. Bauman', written over a horizontal line.

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VERSION WITH MARKINGS TO SHOW CHANGES MADE TO CLAIMS

1. (Amended) A composition comprising:

(a) a 2-cyanoacrylate of the formula $H_2C=C(CN)-COOR$, wherein R is selected from the group consisting of C_{1-15} alkyl, alkoxyalkyl, cycloalkyl, alkenyl, aralkyl, aryl, allyl and haloalkyl groups,

(b) a metallocene, [and]

(c) a polymerisingly effective amount of a photoinitiator to render the composition capable of photocuring in air upon exposure to at least one type of electromagnetic radiation selected from the group consisting of ultraviolet light, visible light, electron beam, x-ray and infrared radiation, and

(d) a sulfur-containing compound selected from the group consisting of sulfonates, sulfinates, sulfates, and sulfites.

14. (Amended) The composition according to any of Claim 1, wherein the photoinitiator is selected from the group consisting of 1-hydroxycyclohexyl phenyl ketone, 2-methyl-1-2-morpholino propan-1-one, benzophenone, 2-benzyl-2-N,N-dimethylamino-1-(4-morpholinophenyl)-1-butanone, 2,2-dimethoxy-2-phenyl acetophenone, bis(2,6-dimethoxybenzoyl-2,4[-],4-trimethyl pentyl) phosphine oxide, [2-hydroxy-2-methyl-1-phenyl-propan-1-one, 2-hydroxy-2-methyl-1-phenyl-1-propane,] 2,4,6-trimethylbenzoyldiphenyl-phosphine oxide, bis(2,4,6-trimethyl benzoyl) phenyl phosphine oxide, 2-

hydroxy-2-methyl-1-phenyl-propan-1-one, [visible light photoinitiators, dl-camphorquinone] alkyl pyruvates, aryl pyruvates and combinations thereof.

16. (Amended) The composition according to Claim 1, further comprising a member selected from the group consisting of viscosity-modifying agents, rubber toughening agents, thixotropy rendering agents, and combinations thereof.

18. (Amended) A method of polymerizing a [photocurable] composition, said method comprising the steps of:

(a) providing an amount of the composition according to [any one of] Claim[s] 1[-14 and 17]; and

(b) subjecting the composition to a sufficient amount of said electromagnetic radiation to cure the composition.

22. (Amended) A reaction product formed from the composition according to [any one of] Claim[s] 1[-17 and 19-21], after exposing the composition to electromagnetic radiation effective to cure the composition.

23. (Amended) An article assembled with a composition according to [any one of] Claim[s] 1[-17, and 19-21], selected from the group consisting of needles, syringes, lancets, hypodermics, injectors, bodily fluid collector sets,

cannula/hub assemblies, cannula/tube assemblies, tube sets, intravenous sets, fluid delivery and withdrawal sets, suction tubes, anesthesia masks, face masks, surgical masks, angioplast catheters, balloon catheters, disc drives, magnetic sensors, battery holding cartridges, loud speakers, phase holograms, lenses and jewelry.

24. (Amended) A method of [using] manufacturing [a] composition according to any one of Claims 1-17, and 19-21, to manufacture] an article comprising: [selected from the group consisting] selecting portions of needles, syringes, lancets, hypodermics, injectors, bodily fluid collector sets, cannula/hub assemblies, cannula/tube assemblies, tube sets, intravenous sets, fluid delivery and withdrawal sets, suction tubes, anesthesia masks, face masks, surgical masks, angioplast catheters, balloon catheters, disc drives, magnetic sensors, battery holding cartridges, loud speakers, phase holograms, lenses [and] or jewelry;

applying a composition according to Claim 1 to said portions; and

polymerizing said composition to thereby assemble said portions.

25. (Amended) A method of [using a composition according to any one of Claims 1-17, and 19-21, to repair] repairing an article selected from the group consisting of needles, syringes, lancets, hypodermics, injectors, bodily

fluid collector sets, cannula/hub assemblies, cannula/tube assemblies, tube sets, intravenous sets, fluid delivery and withdrawal sets, suction tubes, anesthesia masks, face masks, surgical masks, angioplast catheters, balloon catheters, disc drives, magnetic sensors, battery holding cartridges, loud speakers, phase holograms, lenses and jewelry;

applying a composition according to Claim 1 to said broken article; and

polymerizing said composition to thereby repair said broken article.